IN THE CLAIMS

Please amend the claims as follows:

Claims 1-10 (Canceled).

Claim 11 (Currently Amended): A system for machining objects using a laser beam, comprising:

a supply of objects with prepositioning on their reference surface;

an object support tray;

a galvanometric head comprising:

a first wide field camera with a focusing lens, with a first filter located at an output from the first camera,

a second narrow field camera with a focusing lens, with a second filter located at an output from the second camera,

a guide mirror,

galvanometric deflection mirrors, and

a lens that displays at least one object located on the tray;

a laser source; and

a computer on which a shape recognition software is installed for checking operation of the first camera, the second camera, the laser source, and movement control means for the galvanometric head,

wherein the computer is configured to determine first location coordinates of an object in an image of the first camera in a first coordinate system, to determine second location coordinates of the object in an image from the second camera in a second coordinate system, and to determine a relationship between the first location coordinates and the second location coordinates ~~superpose an image from the second camera of an area to be machined~~

~~on one of the objects in narrow field with high resolution on an image from the first camera of an area including all of the objects~~.

Claim 12 (Previously Presented): A system according to claim 11, comprising first and second reflecting galvanometric mirrors.

Claim 13 (Previously Presented): A system according to claim 11, comprising a retractable mirror.

Claim 14 (Previously Presented): A system according to claim 11, comprising a flat field lens.

Claim 15 (Previously Presented): A system according to claim 11, comprising a belt carrying objects to be machined on their reference surface, preceded by a pre-positioning supply for parts.

Claim 16 (Previously Presented): A system according to claim 13, comprising a reactive gas source close to the tray.

Claim 17 (Previously Presented): A system according to claim 11, wherein the filter at the output from the first camera allows a wavelength of about 600 nm to pass.

Claim 18 (Previously Presented): A system according to claim 11, wherein the laser source is a source with a wavelength of about 1064 nm, the filter at the output from the second camera allowing such a wavelength to pass.

Claim 19 (Previously Presented): A system according to claim 11, wherein machining corresponds to marking, welding, drilling, cutting, or heat treatment.

Claim 20 (Previously Presented): A method for machining objects using a laser including an object support tray, a galvanometric head, a laser source, and a computer, the method comprising:

depositing objects, positioned on their reference face, on the tray;

displaying all the objects in wide field, with identification of each object with its position and its orientation;

displaying an area to be machined in narrow field with high resolution, on one of the objects; and

machining the object using a beam output from the laser source.